AMERICAN UNIVERSITY OBSERVATORY

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WEATHER BUREAU

MONTHLY BULLETIN

METEOROLOGICAL SECTION

FRANS BRUIN: DIRECTOR

HALIM HOURANI, OBSERVER

BEIRUT, LÉBANON

Latitude: 33° 54' 22" N.

Longitude: $2^h\ 21^m\ 52^s.7$ E.

May 1960

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MAY 1960

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20·30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.4	62.3	61.0	62.2	27.2	19.5	23.0	23.5	21.5	22.7
2	59.7	59.7	59.1	59.5	29.6	23.7	26.2	28.7	25.0	26.6
3	58.6	57.7	57.9	58.1	29.9	21.5	26.0	29.5	24.8	26.8
4	58.8	58.2	57.6	58.2	26.8	21.2	25.0	26.2	25.5	25.6
5	58.2	57.9	58.0	58.0	30.7	23.2	26.4	26.6	24.0	25.7
6	57.5	56.8	57.0	57.1	32.7	23.8	24.5	31.0	24.0	26.5
7	56.7	56.9	58.0	57.2	33.6	23.1	29.0	30.0	27.0	28.7
8	59.1	58.7	58.3	58.7	28.0	21.4	24 0	24.5	22.5	23.7
9	59.5	57.6	55.5	57.5	27.0	21.9	23.0	24.8	25.3	23.7
10	56.8	55.5	56.7	56.3	24.1	19.6	23.2	23.0	21.0	22.4
11	58.1	58.5	59.5	58.7	24.1	17.9	20.8	22.4	19.2	20.8
12	60.5	60.8	61.1	60.8	24 0	16.9	20.4	23.4	19.0	20.9
13	61.4	60.8	60.8	61.0	23.3	17.1	50.8	22.0	18.0	20.3
14	61.2	61.0	61.5	61.2	24.4	17.5	20.3	22.5	19.0	20.6
15	62.5	62.0	62.1	62.2	24.1	17.4	22.0	23.5	19.5	21.7
16	61.7	61.1	61.0	61.3	24.0	18.2	21.7	23.1	19.5	21.4
17	61.2	60.9	61.2	61.1	23.0	20.5	22.0	22.5	22.0	22.2
18	62.4	62.3	61.9	62.2	25.3	19.6	22.8	24.4	21.0	22.7
19	61.4	60 4	60.8	60.9	24.4	19.5	22.8	23.4	21.0	22.4
20	60.1	59.2	58.5	59.3	25.9	20.1	23.5	24.0	24.5	24.0
21	58.4	56.3	56.0	56.9	27.5	21.2	25.0	26.5	23.5	25.0
22	56.4	56.2	56.3	56.3	29.3	22.2	26.5	28.5	24.0	26.3
23	56.6	57.3	57.2	57.0	28.4	21.4	25.2	28.0	23.0	25.4
24	57.7	57.5	57.2	57.5	28.4	22.5	26.2	27.8	24.0	26.0
25	56.3	56.3	55.5	56.0	27.8	22.2	27.0	26.6	24.0	25.9
26	57.8	57.6	58.1	57.8	27.8	21.1	24.6	27.4	22.4	24.8
27	58.1	57.0	57.4	57.5	26.9	21.1	24.4	26.0	23.0	24.5
28	54.4	55.1	59.2	56.2	30.5	21.1	25.3	30 5	23.5	26.4
29	60.8	60.8	61.3	61.0	26.5	20.2	25.3	25.0	21.0	23.8
30	61.5	61.4	61.6	61.5	25.8	19.4	23.4	25.0	21.3	23.2
31	60.0	59.9	59.2	59.7	25.7	20.8	24.0	24.2	21.5	23.2
	59.25	58.83	58.92	59.00	26.99	20.54	24.01	25.63	22.34	24.00

Barometer, range for month 763.4 mm. — 754.4 mm.
„ 71-yr. average for month 759.50mm.
Thermometer, range for month 33.6°C — 16.9°C
„ 82-yr. average for month 21.8°C
Rain total for month 2.06 mm.
„ 82-yr average for month 17.3 mm.
„ Total, Sept. 1st. to end of month 629.42 mm.
„ 82-yr average. Sept. 1st. to end of month 888.74 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	19.6	20.1	16.8	18.8	70	70	65	68	8.6	39	
2	14.5	10.3	13.0	12.6	42	26	41	36	7.1	34	
3	13.1	11.6	14.4	13.0	39	28	46	38	11.6	64	
4	18.0	17.1	12.6	15.9	57	50	39	49	12.0	68	
5	11.7	23.2	18.9	17.9	35	67	64	55	12.1	35	
6	17.8	15.8	21.0	18.2	57	33	71	54	11.8	55	
7	14.7	17.8	10.2	14.2	37	42	28	36	10.2	101	
8	23.0	23.8	23.0	23.3	78	78	84	80	2.5	60	
9	23.8	19.5	22.0	21.8	85	63	77	75	0.0	106	
10	20.4	22.0	21.3	21.2	71	78	86	78	6.0	109	1.86
11	18.0	18.4	15.2	17.2	73	68	68	70	6.7	177	
12	15.5	17.2	16.2	16.3	64	60	74	66	11.0	193	
13	16.4	15.5	15.7	15.9	67	58	76	67	12.1	80	
14	15.4	18.0	17.7	17.0	64	66	81	70	12.3	18	
15	17.4	18.6	17.5	17.8	66	64	77	69	11.8	129	
16	19.3	18.8	18.4	18.8	73	67	81	74	12.7	80	
17	19.2	19.4	13.4	17.3	72	71	51	65	11.7	256	
18	13.6	18.1	18.3	16.7	49	59	73	60	12.9	309	
19	18.4	21.7	20.5	20.2	67	75	82	75	12.8	195	
20	16.5	22.0	15.2	17.9	56	74	49	60	12.7	172	
21	20.7	20.1	15.2	18.7	65	58	52	58	12.3	80	
22	24.0	20.5	21.5	22.0	69	52	72	64	12.3	18	
23	20.6	23.0	23.8	22.5	64	61	85	70	12.4	106	
24	25 6	19.8	23.0	22.8	73	53	78	69	12.0	34	
25	16.6	22.8	19.7	19.7	46	66	66	59	11.8	72	
26	24.4	22.6	17.1	21.4	79	63	63	68	10.0	127	0.20
27	24.1	23.7	23.3	23.7	79	71	83	78	12.0	85	
28	18.4	16.7	22.7	19.3	57	35	78	57	10.8	135	
29	21.1	18.9	18.3	19.4	65	60	73	66	11.7	164	
30	17.2	17.1	18.0	17.4	60	54	71	62	11.5	97	
31	18.4	19 2	19.0	18.9	62	64	73	66	12.0	64	
	18.62	19.14	18.16	18.64	62.7	59.2	68.0	63.3	10.56	105.23	0.07

Height of Barometer above sea level : 33.7 meters.
Height of Thermometers above ground :
Dry and wet 1.25 m. ; Max. 1.30 m. ; Min. 1.50 m.
Hygrometric data from readings of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M.O. 265.
Rim of Rain Gauge : above ground 0.66 m. ; above sea level 30.31 m.
Rainfall is read at 20:30 for the preceding 24 hours.
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				beaufort, scale Direction and force of wind			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5ci	2ci	0	2.3	1ne	1e	1ne	light	H.a.m
2	9ci	10ci	10st-ci	9.7	1e	2ne	0	,,	
3	0	0	0	0.0	2sw	2ne	1ne	,,	
4	0	0	0	0.0	3ne	3ne	0	,,	
5	0	0	0	0.0	2ne	2n	0	,,	H.p.m
6	0	0	0	0.0	1sw	1sw	1sw	light	
7	5ci	8ci-st	9ci-st	7.3	1se	1sw	0	,,	H.a.m
8	9ci-st	9st	10st	9.3	2sw	1sw	2sw	,,	
9	10st	10st	10st-ci	10.0	4ne	1s	1ne	,,	H.a.m
10	10st	0	5st-ci	5.0	4sw	3ne	1ne	,,	Lunar Halo
11	9st	10cu-st	3cu-st	7.3	4sw	3sw	3sw	light	Tr.a.m.p.m
12	7cu-st	4cu st	0	3.7	3sw	3sw	1sw	,,	
13	1st	4ci-st	0	1.7	3sw	2sw	1sw	,,	
14	0	3ci	0	1.0	2w	2w	1sw	,,	
15	0	1ci	0	0.3	1sw	2sw	1sw	,,	
16	5st	0	0	1.7	3sw	2nw	1sw	light	
17	4st	0	0	1.3	3ne	3ne	3ne	,,	
18	9ci	0	0	3.0	3ne	3ne	3ne	,,	
19	0	0	0	0.0	3ne	3ne	2ne	,,	D.p.m
20	0	0	0	0.0	3n	3ne	2ne	,,	
21	0	0	0	0.0	3sw	1sw	1sw	light	
22	0	0	0	0.0	1nw	1ne	1ne	,,	
23	0	0	0	0.0	4sw	3sw	0	,,	H.a.m.p.m.D.p.m
24	0	0	0	0.0	2w	3e	1n	,,	
25	0	0	0	0.0	3ne	3ne	1ne	,,	
26	10st	0	0	3.3	4sw	3sw	1sw	light	D.p.m
27	0	0	0	0.0	3nw	3ne	2ne	,,	
28	3ci-st	0	7st	3.3	2ne	2sw	2sw	,,	
29	3cu-ci	0	0	1.0	3sw	2sw	1sw	,,	
30	1st	0	0	0.3	3w	3w	1sw	,,	
31	0	0	4st	1.3	3sw	3ne	1ne	,,	
	mean			2.35					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	9	1	1	0	14	3	2	0	31
14:30	1	12	2	0	1	12	2	1	0	31
20:30	0	12	1	0	0	13	0	0	5	31
Total	2	33	4	1	1	39	5	3	5	93

Number of days with rain, 2 fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 3.08
Time of reading minus 2 hours equals G.C.T